

U.S. Serial No. 10/027,302

Docket No. 1004289-070US (4208-4066)

IN THE CLAIMS

1. (Currently Amended) A method, comprising: ef

transmitting, during an ongoing packet transfer operation in which packets of content are transferred between a sending device and a receiving device, picture data in addition to said content, at least a portion of said picture data for display on a display associated with the receiving device during said ongoing packet transfer, wherein said packet transfer comprises a plurality of packets and at least one of the plurality of packets comprises a payload portion and a separate header portion comprising the at least a portion of said picture data, wherein said picture data is a binary image file having a binary based format used to define transmission of encoded bitmap data;

wherein the header portion includes at least one parameter that controls the display of the at least a portion of said picture data on the display associated with the receiving device during the ongoing packet transfer.

2. (Canceled)

3. (Previously Presented) A method according to claim 1 wherein in the transmitting step, the at least a portion of the picture data includes at least one picture for transmission to the receiving device.

4. (Original) A method according to claim 3 wherein a series of individual pictures are transmitted for display in succession on the receiving device to be viewed as a mini-clip.

5. (Previously Presented) A method according to claim 3 wherein the picture is sent within a frame of packet headers in a field configuration that includes at least one field selected from the group consisting of a field for specifying the size of the picture series, a field for specifying the length of time the picture is displayed, a field for specifying the size of the picture, and a field for the picture data.

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6. (Previously Presented) A method according to claim 5 wherein a subsequent header for a subsequent picture in the series includes a field for indicating the last picture of the series.

7. (Previously Presented) A method according to claim 3 wherein a step of spanning the picture in segments is performed over multiple Application Parameters headers when the picture is too large to fit into a single header.

8. (Previously Presented) A method according to claim 7 wherein the picture segments are sent within a frame of packet headers in a field configuration that includes at least one field from the group consisting of a field for specifying the size of a picture series, a field for specifying the number of times the picture is displayed, a field for specifying the size of the picture, and a field for the picture data.

9. (Previously Presented) A method according to claim 8 wherein subsequent headers for subsequent picture segments include a field for indicating the last segment of a picture.

10. (Previously Presented) A method according to claim 1 wherein the packet transfer is transmitted in accordance with the Object Exchange (OBEX) transfer protocol in a short range communication operating environment.

11. (Currently Amended) A system, comprising:
a sending device configured to send during an ongoing file transfer operation in which content is sent from the sending device to a receiving device, picture data in addition to said content, at least a portion of said picture data for display during said ongoing packet transfer, wherein the at least a portion of the picture data is embedded in at least one of a plurality of packets of said ongoing file transfer;

wherein said at least one packet comprises a header portion and a payload portion and said at least a portion of the picture data is in the header portion, wherein said picture data is a binary image file having a binary based format used to define transmission of encoded bitmap data;

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a receiving device configured to receive said at least a portion of said picture data from the sending device; and

a display configured to display said at least a portion of said picture data on said receiving device while waiting for said ongoing file transfer to complete;

wherein the header portion includes at least one parameter that controls the display of the at least a portion of said picture data on said display during the ongoing file transfer.

12. (Previously Presented) A system according to claim 11 wherein the picture data is a picture or series of pictures.

13. (Canceled)

14. (Previously Presented) A system according to claim 11 wherein the sending device is a wireless device.

15. (Previously Presented) A system according to claim 11 wherein the receiving device is a wireless device having a graphics capable display.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Previously Presented) A method according to claim 1 wherein the picture data is displayed in lieu of the content during said ongoing packet transfer.

20. (Previously Presented) A method according to claim 1 wherein the picture data and the content are transmitted wirelessly.

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21. (Canceled)

22. (Canceled)

23. (Previously Presented) A system according to claim 11 wherein said at least a portion of said picture data and said content are sent wirelessly.

24. (Currently Amended) An apparatus, comprising:

a sending device configured to transmit, during an ongoing packet transfer operation in which packets of content are sent to a receiving device, image data in addition to said content, at least a portion of said image data for display on a display associated with the receiving device during said ongoing packet transfer, wherein said packet transfer comprises a plurality of packets and at least one of the plurality of packets comprises a payload portion and a separate header portion comprising the at least a portion of said image data, wherein said image data is a binary image file having a binary based format used to define transmission of encoded bitmap data;

wherein the header portion includes at least one parameter that controls the display of the at least a portion of the image data on the display during the ongoing packet transfer.

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Previously Presented) An apparatus according to claim 24 wherein the image data and the content are transmitted wirelessly.

29. (Currently Amended) An apparatus, comprising:

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a receiving device configured to receive, during an ongoing packet transfer operation in which packets of content are sent by a sending device, image data in addition to said content, at least a portion of said image data for display during said ongoing packet transfer, wherein said packet transfer comprises a plurality of packets and at least one of the plurality of packets comprises a payload portion and a separate header portion comprising the at least a portion of said image data, wherein said image data is a binary image file having a binary based format used to define transmission of encoded bitmap data; and

a display device configured to display said at least a portion of the image data on a display associated with said receiving device during said ongoing packet transfer;

wherein said header portion includes at least one parameter that controls the display of the at least a portion of the image data on the display device during the ongoing packet transfer.

30. (Previously Presented) An apparatus according to claim 29 wherein the at least a portion of the image data is received in the header portion of at least one of the packets associated with said ongoing packet transfer.

31. (Previously Presented) An apparatus according to claim 29 wherein the at least a portion of the image data is encapsulated into the header portion of at least one of the packets associated with the ongoing packet transfer.

32. (Canceled)

33. (Previously Presented) An apparatus according to claim 29 wherein the at least a portion of the image data is displayed in lieu of the content during the ongoing packet transfer.

34. (Previously Presented) An apparatus according to claim 29 wherein the at least a portion of the image data and the content are received wirelessly.

35. (Currently Amended) A method, comprising:

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embedding at least a portion of ~~additional~~ image data into at least one content packet associated with an ongoing data transfer operation in which packets of content are transferred between a sending device and a receiving device, wherein said at least one content packet comprises a header portion and said at least a portion of the ~~additional~~ image data is transmitted in the header portion, wherein said image data is a binary image file having a binary based format used to define transmission of encoded bitmap data; and

transmitting the at least one content packet associated with the ongoing data transfer operation including the at least a portion of the ~~additional~~ image data to the receiving device;

wherein the at least a portion of the ~~additional~~ image data enables the receiving device to display at least one graphical image corresponding to the at least a portion of the ~~additional~~ image data.

36. (Currently Amended) A system, comprising:

a sending device configured to embed at least a portion of ~~additional~~ picture data into at least one content packet associated with an ongoing data transfer operation in which packets of content are transferred between the sending device and a receiving device, and further configured to send, to the receiving device, the at least one content packet associated with the ongoing data transfer operation including the at least a portion of the ~~additional~~ picture data, wherein said at least one content packet comprises a header portion and a payload portion and said at least a portion of the ~~additional~~ picture data is transmitted in the header portion, wherein said picture data is a binary image file having a binary based format used to define transmission of encoded bitmap data;

a receiving device configured to receive, from the sending device, the at least one content packet associated with the ongoing data transfer operation including the at least a portion of the ~~additional~~ picture data; and

a display, associated with the receiving device, configured to display, at least one graphical image corresponding to the at least a portion of the ~~additional~~ picture data, while waiting for the ongoing data transfer operation to complete.

37. (Currently Amended) An apparatus, comprising:

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a sending device configured to embed at least a portion of ~~additional~~ image data into at least one content packet associated with an ongoing data transfer operation in which packets of content are transferred between the sending device and a receiving device, wherein said at least one content packet comprises a header portion and a payload portion and said at least a portion of the ~~additional~~ image data is transmitted in the header portion, wherein said image data is a binary image file having a binary based format used to define transmission of encoded bitmap data; and

said sending device further configured to transmit the at least one content packet associated with the ongoing data transfer operation including the at least a portion of the ~~additional~~ image data to the receiving device;

wherein the at least a portion of the ~~additional~~ image data enables the receiving device to display, on a display associated with the receiving device, at least one graphical image corresponding to the at least a portion of the ~~additional~~ image data.

38. (Currently Amended) An apparatus, comprising:

a receiving device configured to receive at least a portion of ~~additional~~ image data embedded into at least one content packet associated with an ongoing data transfer operation in which packets of content are transferred between a sending device and the receiving device, wherein said at least one content packet comprises a header portion and said at least a portion of the ~~additional~~ image data is transmitted in the header portion, wherein said image data is a binary image file having a binary based format used to define transmission of encoded bitmap data;

wherein the at least one content packet contains both the at least a portion of the ~~additional~~ image data and content of the ongoing data transfer operation;

said receiving device further configured to remove the at least a portion of the ~~additional~~ image data from the at least one content packet during the ongoing data transfer operation; and

said receiving device further configured to display, on a display associated with the receiving device, at least one graphical image corresponding to the at least a portion of the ~~additional~~ image data removed from the at least one content packet, during the ongoing data transfer operation.

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39. (Previously Presented) The method of claim 1, wherein said at least a portion of the picture data is decoded prior to being displayed on the display associated with the receiving device.

40. (Currently Amended) An apparatus, comprising:

means for transmitting during an ongoing packet transfer operation in which a plurality of packets of content are sent to a receiving device, at least a portion of picture data in addition to said content, with the packets associated with said ongoing packet transfer for display on a display associated with the receiving device, while waiting for said ongoing packet transfer to complete, wherein at least one of the plurality of packets comprises a payload portion and a separate header portion comprising the at least a portion of said picture data, wherein said picture data is a binary image file having a binary based format used to define transmission of encoded bitmap data;

wherein the header portion includes at least one parameter that controls the display of the at least a portion of said picture data on the display associated with the receiving device during the ongoing packet transfer.

41. (Currently Amended) An apparatus, comprising:

means for receiving during an ongoing packet transfer operation in which a plurality of packets of content are sent by a sending device, at least a portion of picture data in addition to said content, with the packets associated with said ongoing packet transfer, wherein at least one of the plurality of packets comprises a payload portion and a separate header portion comprising the at least a portion of said picture data, wherein said picture data is a binary image file having a binary based format used to define transmission of encoded bitmap data; and

means for displaying said at least a portion of the picture data associated with said means for receiving, while waiting for said ongoing packet transfer to complete;

wherein the header portion includes at least one parameter that controls the display of the at least a portion of said picture data on the means for displaying associated with the means for receiving during the ongoing packet transfer.

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42. (Previously Presented) The method of claim 1, wherein said picture data is a binary image file having a binary based format used to define transmission of encoded bitmap data drawn from the group consisting of JFIF, JPG, JPG2000, GIF, PNG, TIF, EXIF, AVI, and MP3 formatted images.

43. (Previously Presented) The apparatus of claim 24, wherein said image data is a binary image file having a binary based format used to define transmission of encoded bitmap data drawn from the group consisting of JFIF, JPG, JPG2000, GIF, PNG, TIF, EXIF, AVI, and MP3 formatted images.